

## DECLARATION AND POWER OF ATTORNEY

As a below named inventor. I hereby declare that:

My residence, post office address and citizenship are as stated below at 201 et seq. underneath my name.

I believe I am the original, first and sole inventor if only one name is listed at 201 below, or an original, first and joint inventor if plural names are listed at 201 et seq. below, of the subject matter which is claimed and for which a patent is sought on the invention entitled

## TISSUE-SPECIFIC AND TARGET RNA-SPECIFIC RIBOZYMES

and for which a patent application:

is attached hereto and includes amendment(s) filed on (decelerable)

was filed in the United States on June 24, 1999 as Application No. 09/338,942

with amendment(s) filed on graphicables

was filed as PCT international Application No. on and was amended under PCT Article 19 on graphicables

I hereby state that I have reviewed and understand the contents of the above identified application, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations,

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

EARLIEST FOREIGN APPLICATION(S), IF ANY, FILED PRIOR TO THE FILING DATE OF THE APPLICATION						
APPLICATION NUMBER	PRIORITY CLAIMED					
			YES D NO D			
			YES D NO D			

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below.

APPLICATION NUMBER	FILING DATE
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1 hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

			STATUS	
APPLICATION SERIAL NO.	FILING DATE	PATENTED PENDING AI		ABANDONED

POWER OF ATTORNEY: As a named inventor, I hereby appoint S. Leslie Misrock (Reg. No. 18872), Harry C. Jones, III (Reg. No. 20280), Berj A. Terzian (Reg. No. 20060), Gerald J. Flintoft (Reg. No. 20823), David Weild, III (Reg. No. 21094), Jonathan A. Marshall (Reg. No. 24614), Barry D. Rein (Reg. No. 22411), Stanton T. Lawrence, III (Reg. No. 25736), Charles E. McKenney (Reg. No. 227469), Philip T. Shannon (Reg. No. 24278), Francis E. Morris (Reg. No. 24615), Charles E. Miller (Reg. No. 24769), Stephen J. Harbulak (Reg. No. 27916), Danald J. Goodell (Reg. No. 19766), James N. Palik (Reg. No. 2016), Charles E. Miller (Reg. No. 24749), Stephen J. Harbulak (Reg. No. 2016), Danald J. Goodell (Reg. No. 19766), James N. Palik (Reg. No. 25510), Thomas E. Friebel (Reg. No. 29258), Laura A. Coruzzi (Reg. No. 30742), Jennifer Gordon (Reg. No. 30753), Jon R. Stark (Reg. No. 3011), Allan A. Fanucci (Reg. No. 30256), Geraldine F. Baldwin (Reg. No. 312312), Victor N. Balancia (Reg. No. 31231), Samuel B. Abrams (Reg. No. 30605), Stevent. Wallach (Reg. No. 35402), Marcia H. Sundeen (Reg. No. 30893), Paul J. Zegger (Reg. No. 3381), Edmond R. Bannon (Reg. No. 32110), Bruce J. Barker (Reg. No. 30259), Adriane M. Anlter (Reg. No. 33839), Gary S. Williams (Reg. No. 31636), Thomas D. Kohler (Reg. No. 3277), Scott D. Stimpson (Reg. No. 33607), Williams S. Galliami (Reg. No. 3385), Gary S. Williams (Reg. No. 31666), Mark A. Farley (Reg. No. 33170) and Ann L. Gisoli (Reg. No. 31965), all of Pennie & Edmonds LLP, whose addresses are 1155 Avenue of the Americas, New York, New York 10036, 1667 K Street N.W., Washington, DC 20006 and 3300 Hillview Avenue, Palo Alto, CA 94304, and each of them, my attomeys, to prosecute this application, and to transact all business in the Patent and Trademark Office connected therewith.

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SEN	SEND CORRESPONDENCE TO:  PENNIE & EDMONDS LD  1155 Avenue of the Americas New York, N.Y. 10036-2711  DIRECT TELEPHONE CALLS TO: PENNIE & EDMONDS LD, DOCKETING (212) 790-9090					
	FULL NAME OF INVENTOR	LAST NAME Nortis	FIRST NAME James	MIDDLE NAME S.		
2 0 1	RESIDENCE & CITIZENSHIP	CITY Mt. Pleasant	STATE OR FOREIGN COUNTRY South Carolina	COUNTRY OF CITIZENSHIP USA		
	POST OFFICE ADDRESS	STREET 1010 Casseque Province	CITY Mt. Pleasant	STATE OR COUNTRY ZD CODE South Carolina 29464		
	FULL NAME OF INVENTOR	LAST NAME Clawson	FERST NAME Gary	MIDDLE NAME A.		
2 0 2	RESIDENCE & CITIZENSHIP	CITY Bethesda	STATE OR FOREIGN COUNTRY  Maryland	COUNTRY OF CITIZENSHIP USA		
	POST OFFICE ADDRESS	STREET 5709 Rockmere Drive	CITY Bethesda	STATE OR COUNTRY ZIP CODE Maryland 20816		
	FULL NAME OF INVENTOR	LAST NAME Schmidt	FIRST NAME Michael	MIDDLE NAME G		
0 3	RESIDENCE & CITIZENSHIP	CITY Mt. Pleasant	STATEOR FOREIGN COUNTRY South Carolina	COUNTRY OF CITIZENSHIP USA		
	POST OFFICE ADDRESS	STREET 1257 Wynnwood Court	CITY Mt. Pleasant	STATEOR COUNTRY ZIP CODE South Carolina 29464		
	FULL NAME OF INVENTOR	LAST NAME Hoei	FIRST NAME Brian	MIDDLE NAME		
2 0 4	RESIDENCE & CITIZENSHIP	CTTY Charleston	STATE OR FOREIGN COUNTRY South Carolina	COUNTRY OF CITIZENSHIP USA		
	POST OFFICE ADDRESS	STREET 36 S. Battery	Crry Charleston	STATE OR COUNTRY ZIP CODE South Carolina 29401		
	FULL NAME OF INVENTOR	LAST NAME Pan	FIRST NAME Wei-Hua	MIDOLE NAME		
2 0 5	RESIDENCE & CITIZENSHIP	ctry Hummelstown	STATE OR FOREIGN COUNTRY Pennsylvania	COUNTRY OF CITIZENSIUP China		
	POST OFFICE ADDRESS	STREET 907 Butler Court	спч Hummelstown	STATE OR COUNTRY ZIP CODE Pennsylvania 17036		
	FULL NAME OF INVENTOR	LAST NAME Dolan	FIRST NAME Joseph	MIDDLE NAME W.		
2 0 6	RESIDENCE & CITIZENSHIP	CITY Mt. Pleasant	STATE OR FOREIGN COUNTRY South Carolina	COUNTRY OF CITIZENSHIP USA		
	POST OFFICE ADDRESS	STREET 1821 Falling Circle	CITY Mt. Picasant	STATE OR COUNTRY Z2P CODE South Carolina 29464		
	FULL NAME OF INVENTOR	LAST NAME Schofield	FIRST NAME David	MIDDLE NAME		
2 0 7	RESIDENCE & CITIZENSHIP	CITY ML Pleasant	STATE OR FOREIGN COUNTRY South Carolina	COUNTRY OF CITIZENSIAN United Kingdom		
	POST OFFICE ADDRESS	STREET 803K Runaway Bay Drive	CITY Mt. Pleasant	STATE OR COUNTRY ZEP CODE South Carolina 29464		
$\prod$	FULL NAME OF INVENTOR	LAST NAME Westwater	FIRST NAME Caroline	MIDDLE NAME		
2 0 8	RESIDENCE & CITIZENSHIP	CTY Charleston	STATE OR FOREIGN COUNTRY South Carolina	COUNTRY OF CITIZENSIAP USA		
	POST OFFICE ADDRESS	STREET 803K Runaway Bay Drive	CITY Mt. Pleasant	STATEOR COUNTRY ZIP CODE South Carolina 29464		

		FULL NAME OF INVENTOR	LAST HAME Huang	first name Cancan	MIDDLE NAME	
	0 9	RESIDENCE & CITIZENSHIP	crrv Charleston	STATE OR FOREIGN COUNTRY South Carolina	COUNTRY OF CITIZENSHIP  China	
į		POST OFFICE ADDRESS	STREET 1515 Ashley River Road, F49	ctry Charleston	STATE OR COUNTRY South Carolina	zar con∈ 29407

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; are further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, und. Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing there is the statement of the properties of the p

SIGNATURE OF INVENTOR 201	SIGNATURE OF INVENTOR 202	SIGNATURE OF INVENTOR 303
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James S. Norris	Gary A. Clawson	Caroline Westwater
DATE	DATE	DATE
	January 3, 2000	
SIGNATURE OF INVENTOR 204	SIGNATURE OF INVENTOR 205	SIGNATURE OF INVENTOR 256
		with
Michael G. Schmidt	Brian Hoel	Wei-Hua Pan
DATE	DATE	DATE
		January 3, 2000
SIGNATURE OF DIVENTOR 207	SIGNATURE OF INVENTOR XIS	SIGNATURE OF INVENTOR 309
Joseph W. Dolan	David Schofield	Cancan Huang
DATE	DATE	DATE
	j	

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	FULL NAME OF INVENTOR	LAST NAME Nortis	FORST NAME James	MIDDLE NAME S.	
2 0 1	RESIDENCE & CITIZENSHIP	crry Mt. Pleasant	STATE OR FOREIGN COUNTRY South Carolina	COUNTRY OF CITIZENSHIP USA	
	POST OFFICE ADDRESS	STREET . 1010 Casseque Province	CITY Mt. Pleasant	STATE OR COUNTRY ZD COU South Carolina 2946-	
	FULL NAME OF INVENTOR	LAST NAME Clawson	FIRST NAME Gary	MIDDLE NAME A.	
2 0 2	RESIDENCE & CITIZENSHIP	спу Bethesda	STATE OR FOREIGN COUNTRY Maryland	COUNTRY OF CITIZENSHIP USA	
	POST OFFICE ADDRESS	STREET 5709 Rockmere Drive	crry Bethesda	STATEOR COUNTRY ZD COO Maryland 2081	
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0 3	RESIDENCE & CITIZENSHIP	CITY Mt. Pleasant	STATE OR FOREIGN COUNTRY South Carolina	COUNTRY OF CITIZENSIUP USA	
	POST OFFICE ADDRESS	STREET 1257 Wynnwood Court	Crry Mt. Pleasant	STATEOR COUNTRY 250 COO South Carolina 29464	-
	FULL NAME OF INVENTOR	LAST NAME Hoel	FIRST NAME Brian	MIDDLE NAMÉ	
2 0 4	RESIDENCE & CITIZENSHIP	CITY Charleston	STATE OR FOREIGN COUNTRY South Carolina	COUNTRY OF CITIZENSHIP USA	
Ī	POST OFFICE ADDRESS	STREET 36 S. Battery	Crry Charleston	STATEOR COUNTRY ZIP COO South Carolina 2940	
	FULL NAME OF INVENTOR	LAST NAME Pari	FIRST NAME Wei-Hua	MIDDLE NAME	
2 0 5	RESIDENCE & CITIZENSHIP	сту Hummelstown	STATE OR FOREIGN COUNTRY Pennsylvania	COUNTRY OF CITIZENSHIP  China	
	POST OFFICE ADDRESS	STREET 907 Butler Court	crry Hummelstown	Pennsylvania 17030	
	FULL NAME OF INVENTOR	LAST MANE Dolan	FIRST NAME JOSEPH	MIDDLE NAME W.	
2 0 6	RESIDENCE & CITIZENSHIP	crry Mt. Pleasant	STATE OR FOREIGN COUNTRY South Carolina	COUNTRY OF CITIZENSIUP USA	
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2 0 7	RESIDENCE & CITIZENSHIP	Ctry Mt. Pleasant	STATE OR FOREIGN COUNTRY South Carolina	COUNTRY OF CHIZENSHIP United Kingdom	
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	POST OFFICE ADDRESS	STREET 803K Runaway Bay Drive	CITY Mt. Pleasant	STATEOR COUNTRY Zer COO South Carolina 29464	

		FULL NAME OF INVENTOR	LAST NAME Huang	FIRST NAME Cancan	MIDDLE NAME	
0 9	2	RESIDENCE & CITIZENSHIP	cm Charleston	STATE OR FOREIGN COUNTRY South Carolina	COUNTRY OF CITIZENSHIP China	
		POST OFFICE ADDRESS	STREET 1515 Ashley River Road, F49	crry Charleston	STATE OR COUNTRY South Carolina	zп-сов∈ 29407

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SIGNATURE OFFICE TOR SH	SIGNATURE OF INVENTOR 302	SIGNATURE OF INVENTOR 203
James S. Norris	Gary A. Clawson	Caroline Westwater
1/14/2000	DATE	1/14/2000
Mulh L. Shile  Michael G. Schmidt	SIGNATURE OF ENVENTOR 365  Brian Hoel	SIGNATURE OF ENVENTOR 206  Wei-Hua Pan
1/14/2000	1/14/00	DATE
Just Down W. Dolan	D.A. Scholicld David Schofield	SIGNATURE OF ENVENTOR 309  Caucan Huang
l/14/2000	1/14/2000	1/14/200V

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EARLIEST FOKEIGN APPLICATION(S), IF ANY, FILED PRIOR TO THE FILING DATE OF THE APPLICATION						
APPLICATION NUMBER	APPLICATION NUMBER COUNTRY (day, month, year)					
YES D NO						
·			YES D NO D			

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below.

APPLICATION NUMBER	FILING DATE

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

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APPLICATION SERIAL NO.	FILING DATE	PATENTED	PENDING	ABANDONED
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